

We claim

1. A process for the preparation of deactivated rice bran lipase, which comprises:
 - a) extracting lipase enzyme from rice bran and purifying the said lipase enzyme using a salting out agent to obtain active lipase enzyme;
 - b) preparing a ligand in the ratio of 1:10, 1: 100, 1:250, 1: 750 and 1:1500 mole to mole ratio of protein to ligand;
 - c) mixing the said active lipase enzyme and the ligand and adding to it a substrate, followed by the addition of an activator such as CaCl_2 in a concentration of 0.1 M;
 - d) incubating the mixture thus obtained for 4 hours to check for activity,
 - e) separating the deactivated lipase enzyme from the mixture
2. A process as claimed in claim 1 wherein the salting out agent is selected from ammonium sulfate and CaCl_2 .
3. A process as claimed in claim 1 wherein the purification of the lipase enzyme in step (a) of the process is done by dialysis and size-exclusion chromatography.
4. A process as claimed in claim 1 wherein the substrate is selected from triacetin and tributyrin.
5. A process as claimed in claim 1 wherein the mixture of the active lipase enzyme and the ligand is added to the substrate at a concentration of at least 5%.
6. A process as claimed in claim 1 wherein the ligand used comprises an aromatic boro compound.
7. A process as claimed in claim 6 wherein the aromatic bromo compound is benzene boronic acid.
8. A process as claimed in claim 1 wherein the lipase enzyme is mixed with the ligand in a ratio 1:10, 1: 100, 1:250, 1: 750 and 1:1500 on a mole to mole ratio of protein to ligand.